



MATERIAL SAFETY DATA SHEET
Conforms to EU regulation EC 1907/2006 and amendments
DECAPOL H

Date: 25/02/2010

Page: 1/4
Ind. Rev.: 0

1 – CHEMICAL PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION.

- 1.1 Substance identification/preparation : **DECAPOL H**
1.2 Substance use/preparation : Surface cleaner
Product is for professional use only
1.3 Company identification : LAFFORT - B.P. 17 - 33 072 BORDEAUX CEDEX
Ph: 05.56.86.53.04 / Fax: 05.56.86.30.50/
www.laffort.com/ info@laffort.com/
1.4 N° téléphone d'appel d'urgence: Contact your local doctor or hospital.

2 – HAZARD IDENTIFICATION

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

- Classification : C; R35
Human health hazards: Causes severe burns.
See section 11 for more detailed information on health effects and symptoms.

3 – COMPOSITION / INFORMATION ON INGREDIENT

Ingredient declaration according to detergent regulation 648/2004/EC:
Does not contain ingredients according to the detergent regulation 648/2004/EC.

Substance/preparation: Preparation

Ingredient name	EINECS	CAS	%	Classification
Nitric acid	231-714-2	7697-37-2	30 - 50	O; R8 ^[1] C; R35 ^[2]
Phosphoric acid	231-633-2	7664-38-2	2 - 5	C; R34 ^[1] ^[2]
See section 16 for the full text of the R-phrases declared above				

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

- [1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit

4 - FIRST AID MEASURES

- Protection equipment: glasses, gloves
Inhalation: Moved exposed person to fresh air. Get medical attention immediately.
Eyes contact: Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention immediately.
Ingestion: Wash out mouth with water. Move exposed person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.
Specific treatments: Not available.

See section 11 for more detailed information on health effects and symptoms.

5 – FIRE FIGHTING MEASURES.

Extinguishing media- Suitable: In case of fire, use water spray (fog), foam, dry chemical, or CO2.
Extinguishing media- Not Suitable: None known.
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation.
Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Small spill: Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
Large spill: Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7 – HANDLING AND STORAGE

Handling: Do not get in eyes or on skin or clothing. Do not ingest. Keep away from alkalis. After handling, always wash hands thoroughly with soap and water.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from alkalis. Keep container tightly closed and sealed until ready for use.

Store between the following temperatures: -20 and 40°C

Packaging materials recommended: Use original container.

Specific uses: Not available.

8 – EXPOSURE CONTROL – PERSONAL PROTECTION

Ingredient name	Occupational exposure limits
nitric acid	EU OEL (Europe, 4/2006). STEL: 2.6 mg/m ³ 15 minute(s). STEL: 1 ppm 15 minute(s).
phosphoric acid	EU OEL (Europe, 4/2006). STEL: 2 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s).

Exposure controls:

* Occupational exposure controls: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

* Respiratory protection (EN 143, 14387): A respirator is not needed under normal and intended conditions of product use.

* Hand protection (EN 374): 1 - 4 hours: butyl rubber, nitrile rubber

* Eye protection (EN 166): Goggles, face shield, or other full-face protection.

* Skin protection (EN 14605): Safety apron. Suitable protective footwear.

9 – PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance

Physical state: Liquid.

Colour: Clear

Odour: Pungent.

Important health, safety and environmental information

pH: 0.9 to 1.1 (100%)
Boiling point: > 100°C.
Melting point: Not available.
Flash point: > 100°C
Flammability (solid, gas): Not applicable.
Explosive properties: Not applicable.
Explosion Limits: Not applicable.
Oxidising properties: Not available.
Vapour pressure: Not applicable.
Relative density: 1.25 to 1.35 g/cm³ (20 °C)
Solubility: Easily soluble in cold water, hot water.
Octanol/water partition coefficient: Not applicable.
Viscosity: Not available.
Vapour density: Not available.
Evaporation rate (butyl acetate = 1): Not applicable.

10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Materials to avoid: Extremely reactive or incompatible with the following materials: alkalis.
Do not mix with other products.

11 – TOXICOLOGICAL INFORMATION

Potential acute health effects

- Inhalation: May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
 - Ingestion: May cause burns to mouth, throat and stomach.
 - Skin contact: Causes severe burns.
 - Eye contact: Causes severe burns.
 - Carcinogenicity: No known significant effects or critical hazards.
 - Mutagenicity: No known significant effects or critical hazards.
 - Reproductive toxicity: No known significant effects or critical hazards.
-

12 – ECOLOGICAL INFORMATION

- Ecotoxicity: The product is not subject to ecological classification according to directive 1999/45/EC.
 - Persistence and degradability: If acidic or alkaline products are discharged into wastewater installations care must be taken that the discharged wastewater has a pH in the range pH 6 ... 10, as pH variations could cause disorders in wastewater channels and biological sewage treatment plants. The local discharge regulations take precedence. Mainly inorganic product. Biodegradation information refers only to organic component(s).
-

13 - DISPOSAL CONSIDERATIONS.

- Methods of disposal: The generation of waste should be avoided or minimised wherever possible.
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty.

- European waste catalogue (EWC): 200114*
-

14 - TRANSPORTATION INFORMATION.

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label
ADR/RID Class	UN2031	NITRIC ACID solution	8	II	8
IMDG Class	UN2031	NITRIC ACID solution	8	II	8

Follow special pack instructions for air transport.

15 - REGULATORY INFORMATION

EU regulations

- Hazard symbol/symbols:



Corrosive

- Contains: nitric acid
 - Risk Phrases: R35- Causes severe burns.
 - Safety phrases: S2- Keep out of the reach of children.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
-

16 - OTHER INFORMATION.

Full text of R-phrases referred to in sections 2 and 3 -

- R8- Contact with combustible material may cause fire
- R34- Causes burns.
- R35- Causes severe burns.

Information contained in this safety data sheet is considered, in the date of publication, as true and correct.

However the precision and the exhaustiveness of this information, as well as all the rules are given without guarantee.

The conditions of use being out of control of our company, it is therefore up to the user to determine the conditions of the safest use of this preparation.

"We inform the users about the incurred risks when a product is used in the other manners that those for whom it is conceived. The user has to know and apply the whole regulations governing his activity."